

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

Claims 1-69 (Canceled).

Claim 70 (Currently Amended): An edible-oil composition ~~according to claim 69~~ produced by culturing a producer microorganism belonging to the species *Mortierella alpina* in a fermentation with aeration in the presence of a nitrogen source, wherein said oil comprises a 24,25-methylenecholest-5-en-3 $\beta$ -ol compositional ratio in a proportion of 1:2 0.36 or less with respect to the desmosterol compositional ratio, and an arachidonic acid content of 30 to 50%.

Claim 71 (Currently Amended): An edible-oil composition ~~according to claim 69~~ produced by culturing a producer microorganism belonging to the species *Mortierella alpina* in a fermentation with aeration in the presence of a nitrogen source wherein said oil comprises a 24,25-methylenecholest-5-en-3 $\beta$ -ol compositional ratio of ~~35%~~ 24% or lower, a 24,25-methylenecholest-5-en-3 $\beta$ -ol compositional ratio in a proportion of 1:2 0.36 or less with respect to the desmosterol compositional ratio, and an arachidonic acid content of 30 to 50%.

Claim 72 (Currently Amended): An immature infant formula, infant formula, baby food or pregnancy food product comprising an edible-oil composition ~~according to claim 69~~ according to any one of claims 70, 71, 73 and 76.

Claim 73 (Currently Amended): An edible-oil composition ~~according to claim 69~~ produced by culturing a producer microorganism belonging to the species *Mortierella alpina* in a fermentation with aeration in the presence of a nitrogen source, wherein said oil comprises a 24,25- methylenecholest-5-en-3 $\beta$ -ol compositional ratio of ~~35%~~ 24% or lower, and an arachidonic acid content of 30 to 50%.

Claim 74 (Canceled).

Claim 75 (Currently Amended): A nutritive dietary supplement comprising an edible-oil composition ~~according to claim 69~~ according to any one of claims 70, 71, 73 and 76 .

Claim 76 (Currently Amended)): A method for producing an edible-oil composition ~~according to claim 69~~ produced by culturing a producer microorganism belonging to the species *Mortierella alpina* in a fermentation with aeration in the presence of a nitrogen source, wherein said producer microorganism is cultured in a ferment or with aeration in a medium containing a nitrogen source derived from soybean.

Claim 77 (Previously Presented): The method according to claim 76, wherein said nitrogen source has a nitrogen content of at least 2 wt% with respect to the nitrogen source except for water.

Claims 78-85 (Canceled).

Claim 86 (Currently Amended): An animal food comprising the edible oil ~~according to claim 69~~ according to any one of claims 70, 71, 73 and 76.

Claim 87 (New): An edible-oil composition according to claim 70, wherein the nitrogen source is a soybean product.

Claim 88 (New): An edible-oil composition according to claim 71, wherein the nitrogen source is a soybean product.

Claim 89 (New): An edible-oil composition according to claim 73, wherein the nitrogen source is a soybean product.